

Rolscreens

The Ideal Screen For Casements



NEW YORK OFFICE
331 MADISON AVENUE
VANDERBILT 6286

A Permanent, Economical Convenience

*Your Home
Requires*



The Spirit of Progress Typified In Rolscreens

The Old Way



The New Way



ROLSCREENS convert a semi-annual nuisance into a year 'round convenience. They solve the screening problem in a pleasing and economical way. They are built in and decorated as the construction progresses, and are as permanent as the windows themselves. They are of simple construction, easily installed, and a pleasure to operate, will never bind or stick.

ROLSCREENS ARE PERMANENT

Rolscreens are always in the windows, do not require storing, painting or repairing. They are built in and decorated to harmonize with the window trim.

ROLSCREENS DO NOT MAR THE WINDOW

Rolscreens do not detract from the beauty of the window. They are practically concealed. There are no bunglesome screen frames or mullions, and no screen tracks on the window sills.

ROLSCREENS ARE INSTALLED ON THE INSIDE

Inside screening has many advantages. The screen is easily accessible and easily raised for operating or washing windows, it will last indefinitely, it will not gather dirt, and offers year 'round protection for draperies, which in many cases cost more than the combined window and screen.

ROLSCREENS WILL NEVER SAG OR BAG

The screen-wire is always taut and will never sag or bag because it is stretched by the tension of the spring at the top, and is held firmly at the sides by means of the jaws of the guides which grip lugs fastened in the selvages of the wire.



ROLSCREENS ARE PRACTICALLY INDESTRUCTIBLE

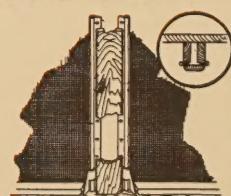
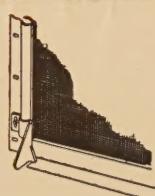
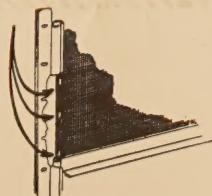
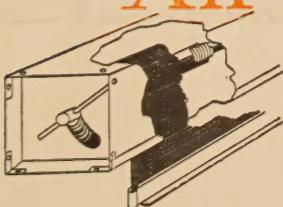
When the screen-wire accidentally receives a blow hard enough to tear or bag the ordinary screen, the lugs in the selvages of the screen are released at the sides without injuring the wire. Upon raising the screen and again lowering it, the lugs automatically re-enter the guides, and the screen is stretched in its normal position. The patented forward action of the **Rolscreen** roller as the screen-wire unrolls eliminates the "drag" and wear of the screen-wire on the screen-box as the screen is operated.

ROLSCREEN COSTS

Rolscreen prices are published. The cost of **Rolscreens** compares favorably with that of good quality wood screens which require special hardware, and if "Under-Screen" operators are used, which are not used with **Rolscreens**, they cost less.



All Steel Construction ~



Rolscreens are constructed of lead-coated terne-plate metal, which readily takes any paint. Screen wire is 16 mesh rust-proof "Alumina," woven with a double selvage. Screen rolls into steel box 2 $\frac{3}{8}$ inches square, on a steel roller encasing a heavy oil-tempered coiled spring, thoroughly lubricated. The patented forward action of roller eliminates "drag" of screen-wire on lower edge of box. Lips on ends of guides inserted into slots at ends of screen box assure easy installation and proper alignment of guides and box.

Rolscreen wire is always held tight and will not bag with use. First, because it is always stretched by tension of spring in head of window. Second, lugs in reinforced selvages of wire lock it in jaws of guides and prevent wire pulling out at sides, yet allow it to flow freely as screen is operated. Blocks on ends of bar across bottom of wire, fitting snugly in guides, compel screen to pull straight and hold it in any position. Slotted screw holes in guides permit adjustment when installing and allow for variation in window frame.

When pulled down, **Rolscreens** are held securely on the window sill by spring catches which are accessible only from the inside. Spring tension on screen is so adjusted that when catches are released, screen automatically rises, giving access to window for operating or washing. From this point screen can again be lowered, or can be raised to top of window by slight upward pressure of the hand. A protruding edge on locking-bar across bottom of screen wire serves as a ledge for the fingers in operating screen.

In extremely wide openings we recommend setting the simple mullion according to detail, with which to support box and hold guides. Mullions are set to correspond with sash units. **Rolscreens** are built only in widths listed in price and size schedule and in any length up to 8 ft.

Are Easily Removed for Repairing in Case of Accident

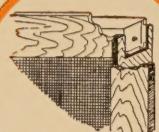
If **Rolscreens** are installed according to detail and wooden pieces set in with screws, they can be removed in a few minutes.

The Beauty of

Rolscreens

*In Your
New Home*

*In An
Old Home*



Rolscreen box built in and concealed



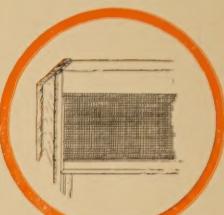
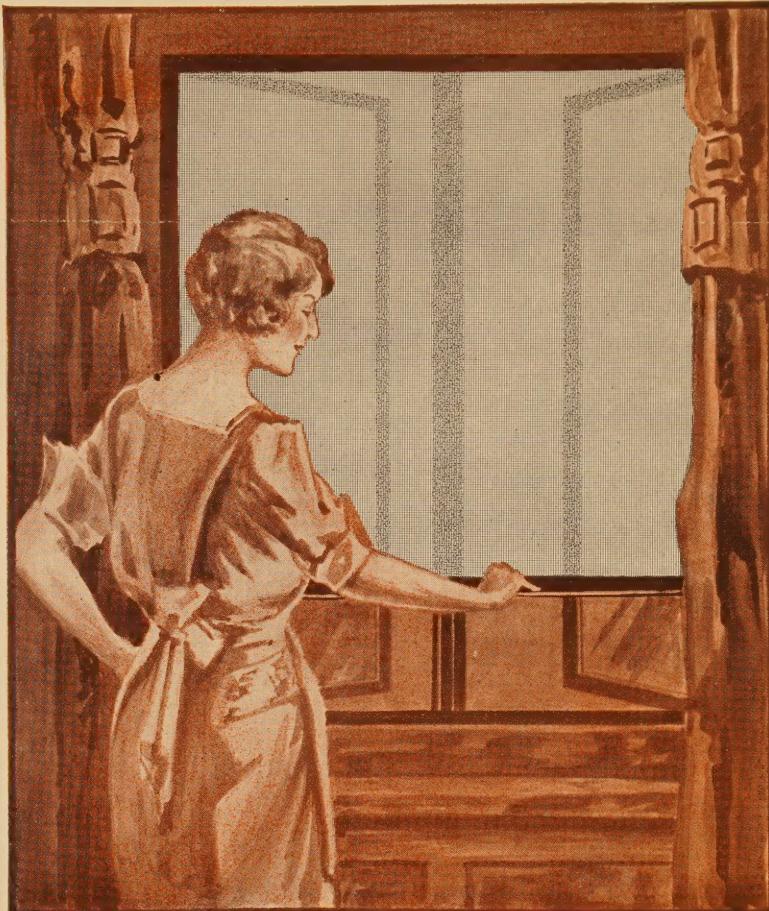
Plaster trim showing guide built in



Wooden trim showing guide built in



Lugs in wire selvage prevent bagging



Rolscreen box set in head of old window



Guide set in with wooden strip and mould



Guide set between two mouldings



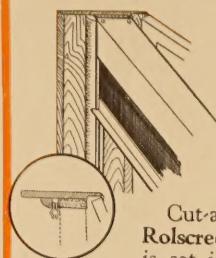
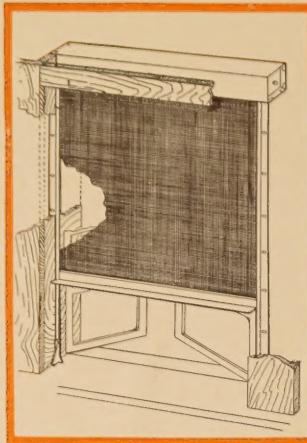
Spring catches lock screen on sill

8 Points of Superiority

- 1** ROLSCREENS solve the problem of screening casement windows, in a pleasing and practical way.
- 2** ROLSCREENS can be installed in old or new construction, and become a permanent part of the window.
- 3** ROLSCREENS are practically concealed. The beauty of the window is not marred by heavy screen frames.
- 4** ROLSCREENS are easily operated. They are no bother in washing windows. No annual annoyance of storing, painting, or repairing.

- 5** ROLSCREENS are installed on the inside of the window. They protect, and do not soil drapes.
- 6** ROLSCREENS will not sag or bag with use. The screen-wire is held firmly at the sides.
- 7** ROLSCREENS are practically indestructible. The screen-wire is not damaged if it accidentally receives a blow.
- 8** ROLSCREENS are guaranteed to operate perfectly over a ten-year period.

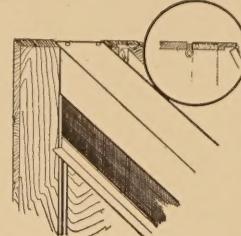
Easy Installation



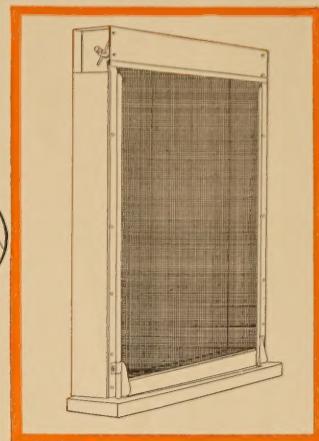
Cut-away at left shows Rolscreen assembled as it is set in the frame ready for operation.

At right is shown a complete Rolscreen as it is assembled ready to operate.

Cut below shows suggestion for installing Rolscreen in opening slightly narrower than nearest stock-size screen.

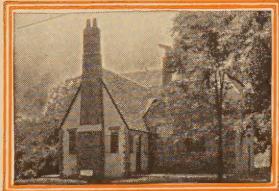
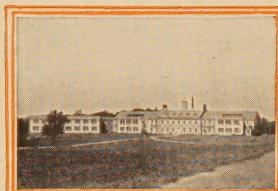
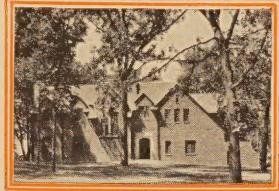


Cut above shows method of installing Rolscreen in an opening wider than nearest stock-size screen.



20 Minutes Per Window —

For Every Type of Window—In Every Type of Building



Address of Owners Gladly Furnished Upon Request—

ROLSCREEN Guarantee

Rolscreens are guaranteed against defects in workmanship or material and to operate perfectly over a ten-year period. A new screen will be furnished free of charge for any failing under this guarantee. This does not cover damage or abuse to the screen or any other conditions beyond control of the manufacturer.

ROLSCREEN Service

The Rolscreen Company maintains a competent Architectural Department at its Main Office, and many of its Sales Offices. These Departments are at your service. Kindly call on them freely for assistance on Screening Problems.

ORDER INFORMATION

In ordering Rolscreens give "W" (Width) Dimension and "H" (Height) Dimension. We cannot guarantee proper filling of orders without this information, as installation practice varies. For Steel Casements "W" Dimension is taken from "Back-to-Back" of $\frac{3}{4}'' \times 2\frac{1}{2}''$ stops. For Wood Casements and Double-Hung Windows, "W" Dimension is taken from Jamb-to-Jamb. The "H" Dimension is taken in all cases from the top of the finished sill to the top of the Rolscreen Box. "W" Dimension must always be one of the Rolscreen Stock Widths listed in Rolscreen Price and Stock Size List.

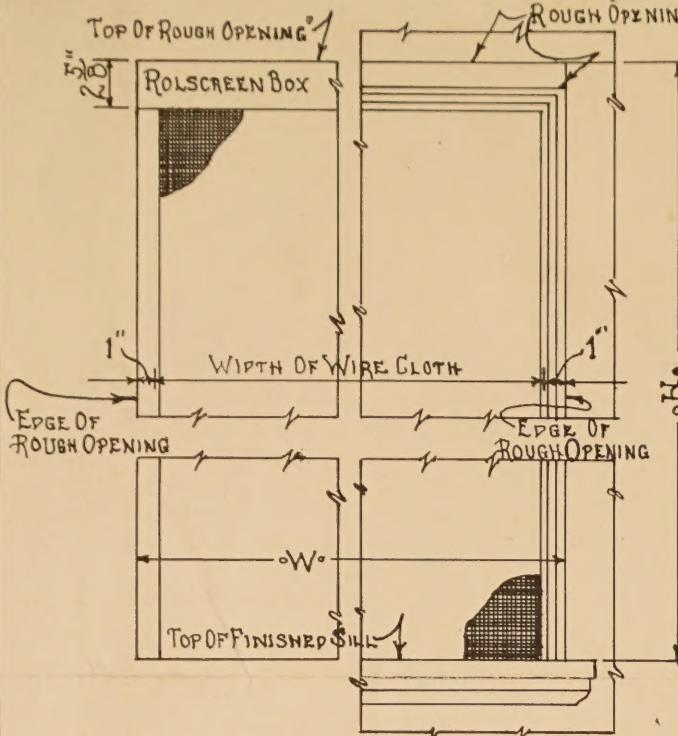
ROLSCREEN for Wood Casements

Out-Swinging Wood Casements can be screened by following our "Hoffman" detail.

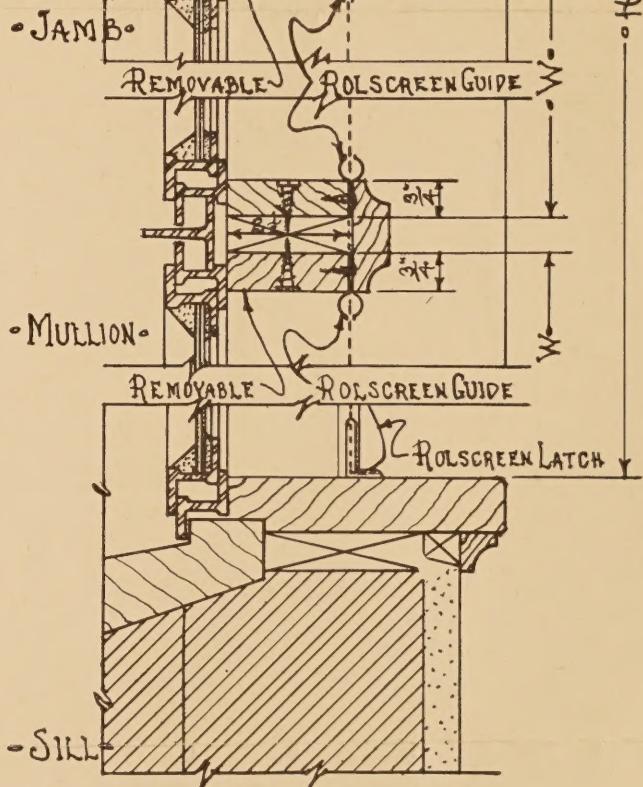
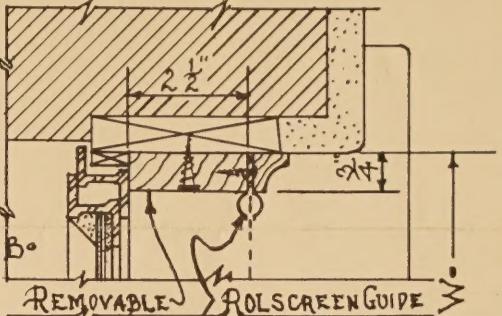
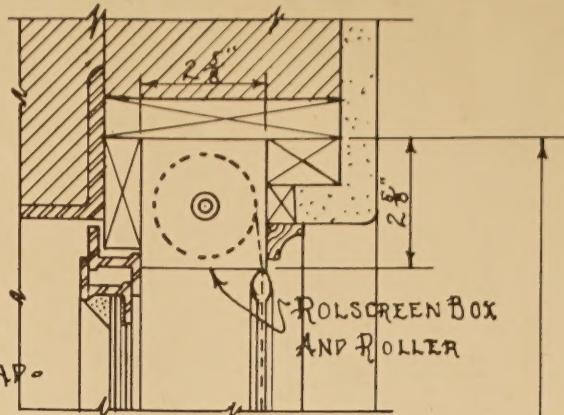
ROLSCREENS for Double-Hung Windows

We advise always to screen "Double-Hung" Windows on the inside as per suggested detail. All of the advantages of inside screening, apply to this type of window.

ROLSCREEN COMPANY, Pella, (Formerly Des Moines) Iowa



IN ROUGH OPENING IN FINISHED OPENING
INTERIOR ELEVATION
SHOWING INSTALLATION OF
ROL SCREEN
IN CASEMENT WINDOW



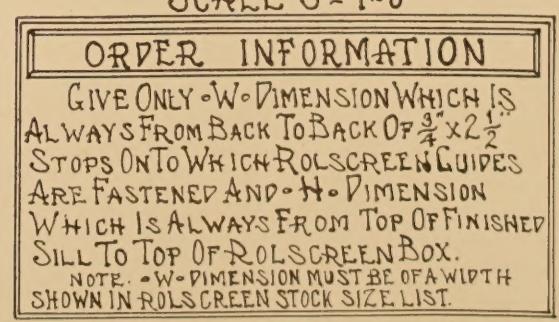
**ROL SCREEN
STOCK SIZE LIST
FOR ANY TYPE OF WINDOW**

WIDTH OF OPENING W. DIMENSION	WIDTH OF WIRECLOTH	PRICE F.O.B. FACTORY
11"	9' 1~0"	\$ 4.95
1'~1"	9' 1~2"	5.53
1'~3"	9' 1~4"	5.75
1'~5"	9' 1~6"	5.95
1'~7"	9' 1~8"	6.25
1'~9"	9' 1~10"	6.45
1'~11"	9' 2~0"	6.55
2'~1"	9' 2~2"	6.70
2'~3"	9' 2~4"	6.80
2'~5"	9' 2~6"	7.10
2'~7"	9' 2~8"	7.45
2'~9"	9' 2~10"	7.70
2'~11"	9' 3~0"	7.95
3'~1"	9' 3~2"	8.25
3'~3"	9' 3~4"	8.45
3'~5"	9' 3~6"	8.75
3'~7"	9' 3~8"	9.00
3'~9"	9' 3~10"	9.30
3'~11"	9' 4~0"	9.60
4'~1"	9' 4~2"	9.95
4'~3"	9' 4~4"	10.05
4'~5"	9' 4~6"	10.15
4'~7"	9' 4~8"	10.25
4'~9"	9' 4~10"	10.50
4'~11"	9' 5~0"	10.80
5'~1"	5' 9"	11.00

ROL SCREENS IN ABOVE SIZES ARE CARRIED
IN STOCK READY FOR IMMEDIATE SHIPMENT
ROL SCREENS ARE MADE IN ABOVE WIDTHS
ONLY AND LENGTHS (H.) UP TO 84 INCHES.
ROL SCREEN ARCHITECTURAL SERVICE IS FREE.

ROL SCREEN

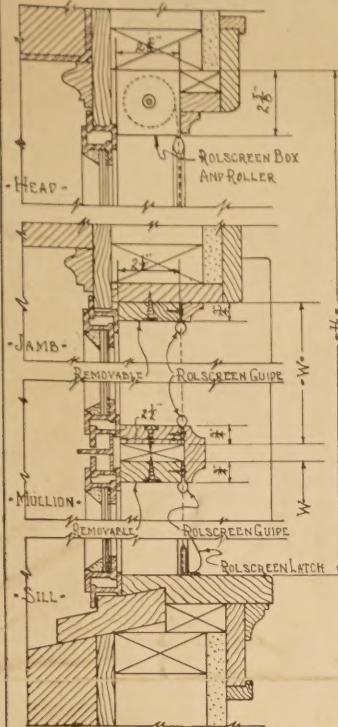
PAT. JULY 12, '10; JULY 29, '13; MAY 11, '15; SEPT 19, '16; OCT 12, '20; OCT. 19, '20; FEB. 17, '22; AUG 10, '26; OCT. 19, '26; OTHERS PENDING



1. DETAIL SHOWING
ROLSCREEN
FOR STEEL CASEMENTS
IN SOLID MASONRY WITH PLASTER TRIM
SCALE 3 = 1'-0"

ORDER INFORMATION

Details for Installation of ROLSCREENS on Casements and Double-Hung Windows

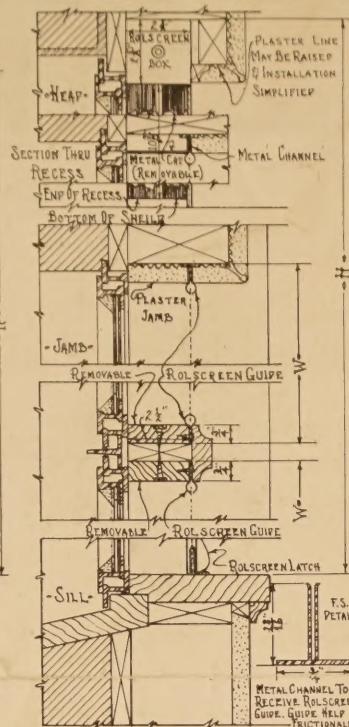


**② DETAIL SHOWING
ROLSCREEN
IN BRICK VENEER WITH PLASTER TRIM**
SCALE $1\frac{1}{2}'' = 1'-0''$

DETAILED NOTE

DETAILS SHOWN ARE ONLY SUGGESTIONS
AND MAY BE ALTERED TO SUIT REQUIRE-
MENTS.

THE ONE RULE THAT MUST BE
FOLLOWED IS THAT ROLSCREEN "W"
DIMENSION (BACK TO BACK OF $\frac{3}{8}'' \times 2\frac{1}{2}''$
STOPS) MUST BE A FULL INCH
DIMENSION.



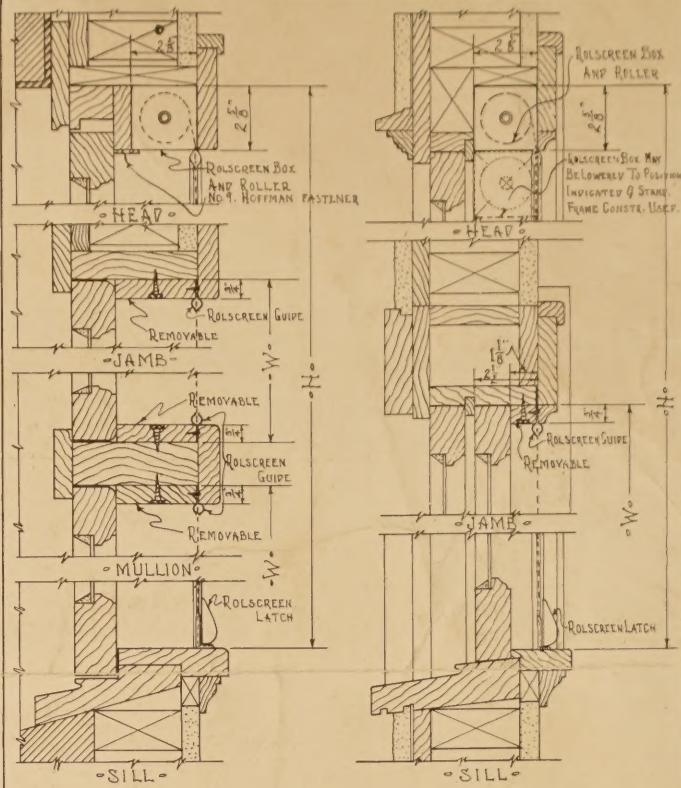
**③ DETAIL SHOWING
ROLSCREEN
SET IN PLASTER WITHOUT WOOD TRIM**
SCALE $1\frac{1}{2}'' = 1'-0''$

PRICE: METAL CHANNELS FURNISHED AT $1\frac{1}{2}$ LB PER PAIR
F.O.B. FACTORY

METAL CHANNEL IS FURNISHED BY THE ROLSCREEN COMPANY.

METAL CHANNEL TO BE NAILED OR SET IN PLASTER OF PARIS
AND PLUMBED TO PROPER DIMENSIONS. THIS WILL SERVE AS A
PLASTER GROUND.

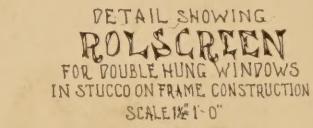
"W" DIMENSION (BACK TO BACK OF CHANNEL) TO BE EXACTLY
AS THAT GIVEN IN ROLSCREEN STOCK SIZE LIST ALLOW-
ANCE IS MADE IN LENGTH OF ROLSCREEN BOX TO INSURE AN
EASY FIT.



**DETAIL SHOWING
ROLSCREEN
FOR HOFFMAN CASEMENTS
IN BRICK VENEER WALL**
SCALE $1\frac{1}{2}'' = 1'-0''$

NOTE FOR ARCHITECT:

IN PREPARING YOUR OWN ROLSCREEN DETAILS INDICATE IN YOUR DRAWINGS
THE EXACT ROLSCREEN WIDTH THE CONTRACTOR IS TO BUILD TO VIZ. $1'-8"$, $3'-2"$, ETC.
JAMB-TO-JAMB FOR VARIOUS WIDTH OPENINGS.



**DETAIL SHOWING
ROLSCREEN
FOR DOUBLE HUNG WINDOWS
IN STUCCO ON FRAME CONSTRUCTION**
SCALE $1\frac{1}{2}'' = 1'-0''$

BROWNE

BROWNE WINDOWS ARE SATISFACTORILY SCREENED WITH ROLSCREENS. QUIPES MUST BE SET OUT $4''$ FROM SASH AT JAMB INSTEAD OF CUSTOMARY $2\frac{1}{2}''$ TO ALLOW SCREEN BOX TO CLEAR CENTER BAR. WIDE BROWNE WINDOWS ARE SCREENED BY FIXING SOLID WOOD MULLION OR STEEL MULLION TO CENTER BAR AND USING TWO ROLSCREENS.

CAMPBELL

ROLSCREENS ARE INSTALLED ON THE INSIDE OF CAMPBELL SOLID METAL DOUBLE HUNG WINDOWS. SPECIAL ROLSCREEN GUIDES WITH SHELF ANGLE FOR SUPPORTING ROLSCREEN BOX ARE FURNISHED AND QUIPES ATTACHED TO STEEL WINDOW JAMBS AND MULLIONS. SPECIAL DETAILS FURNISHED BY ROLSCREEN COMPANY.

CRITTALL

STANDARD ROLSCREEN SIZES FOR CRITTALL "RESWIN" CASEMENTS -

DETAIL NO. 1-8" WIDE UNITS

① ② ③ "W=1'-8"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL -

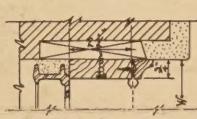
DETAIL NO. 2 UNITS 1-8" WIDE 3 UNITS 1-8" WIDE

① ② ③ "W=3'-4"

"H-DIMENSION

DETAIL NO. TYPE 21 TYPE 51 TYPE 01 TYPE III

① ② ③ 2'-1" 3'-1" 4'-1" 5'-1"



CRITTALL JAMB DETAIL
SCALE: $1\frac{1}{2}'' = 1'-0''$

FENESTRA

STANDARD ROLSCREEN SIZES FOR FENESTRA CASEMENTS

DETAIL NO. 1 LT WIDE UNITS 2 LT. WIDE UNITS 4 LT. WIDE UNITS 6 LT. WIDE UNITS

① ② ③ "W=1'-1" "W=2'-1" "W=3'-1" "W=4'-7"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL -

DETAIL NO. 2 UNITS 1 LT. WIDE 2 UNITS 2 LTS. WIDE 3 UNITS 2 LTS. WIDE

① ② ③ "W=2'-2" "W=3'-2" "W=4'-10"

"H-DIMENSION

DETAIL NO. 2 LTS. HIGH 3 LTS. HIGH 4 LTS. HIGH 5 LTS. HIGH

① ② ③ "H=2'-3" "H=3'-4" "H=4'-4" "H=5'-4"

HOPE

STANDARD ROLSCREEN SIZES FOR HOPE'S STANDARD STEEL CASEMENTS

DETAIL NO. 2 LT. WIDE UNITS 4 LT. WIDE UNITS 6 LT. WIDE UNITS

① ② ③ "W=1'-8" "W=2'-3" "W=4'-11"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL -

DETAIL NO. 2 UNITS 2 LTS. WIDE 3 UNITS 2 LTS. WIDE

① ② ③ "W=3'-4" "W=5'-0"

"H-DIMENSION

DETAIL NO. 2 LTS. HIGH 3 LTS. HIGH 4 LTS. HIGH 5 LTS. HIGH

① ② ③ "H=2'-2" "H=3'-1" "H=4'-1" "H=5'-2"

INTERNATIONAL

STANDARD ROLSCREEN SIZES FOR INTERNATIONAL COTSWOLD CASEMENTS

DETAIL NO. 1 LT. WIDE UNITS 2 OR 3 LT. WIDE UNITS

① ② ③ "W=1'-0" "W=1'-8"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL -

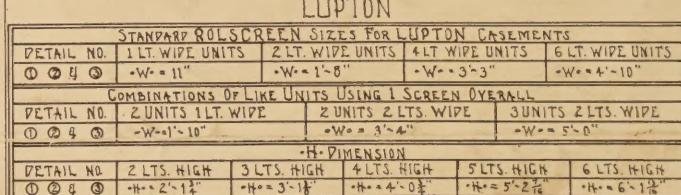
DETAIL NO. 2 UNITS 1 LT. WIDE 2 UNITS OR 3 LTS. WIDE 3 UNITS 2 OR 3 LTS. WIDE

① ② ③ "W=1'-10" "W=3'-4" "W=5'-0"

"H-DIMENSION

DETAIL NO. TYPE 22 OR 33 TYPE 23 OR 34 TYPE 14,24,26,OR 36 TYPE 25 OR 37

① ② ③ "H=2'-2" "H=3'-1" "H=4'-1" "H=5'-0"



LEMCO
STANDARD ROLSCREEN SIZES FOR LEMCO STEEL CASEMENTS

DETAIL NO.	2 LT. WIDE UNITS	4 LT. WIDE UNITS	6 LT. WIDE UNITS
① ② ③	"W= 1'-8"	"W= 3'-4"	"W= 5'-0"
	"W= 5'-0"	"W= 5'-0"	"W= 5'-0"

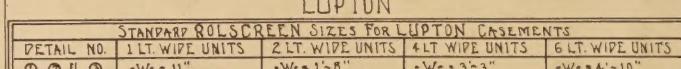
COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL

DETAIL NO.	2 UNITS 2 LTS. WIDE	3 UNITS 2 LTS. WIDE
① ② ③	"W= 3'-4"	"W= 5'-0"
	"W= 5'-0"	"W= 5'-0"

"H-DIMENSION

DETAIL NO.	2 LTS. HIGH	3 LTS. HIGH	4 LTS. HIGH	5 LTS. HIGH	6 LTS. HIGH
① ② ③	"H= 2'-1"	"H= 3'-1"	"H= 4'-0"	"H= 5'-2"	"H= 6'-1"
	"H= 3'-1"	"H= 4'-0"	"H= 5'-2"	"H= 6'-1"	"H= 6'-1"

LUPTON



LUPTON
STANDARD ROLSCREEN SIZES FOR LUPTON CASEMENTS

DETAIL NO.	1 LT. WIDE UNITS	2 LT. WIDE UNITS	4 LT. WIDE UNITS	6 LT. WIDE UNITS
① ② ③	"W= 11"	"W= 1'-8"	"W= 3'-3"	"W= 4'-10"
	"W= 11"	"W= 1'-8"	"W= 3'-3"	"W= 4'-10"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL

DETAIL NO.	2 UNITS 1 LTS. WIDE	2 UNITS 2 LTS. WIDE	3 UNITS 2 LTS. WIDE
① ② ③	"W= 1'-10"	"W= 3'-4"	"W= 5'-0"
	"W= 1'-10"	"W= 3'-4"	"W= 5'-0"

"H-DIMENSION

DETAIL NO.	2 LTS. HIGH	3 LTS. HIGH	4 LTS. HIGH	5 LTS. HIGH	6 LTS. HIGH
① ② ③	"H= 2'-1"	"H= 3'-1"	"H= 4'-0"	"H= 5'-2"	"H= 6'-1"
	"H= 2'-1"	"H= 3'-1"	"H= 4'-0"	"H= 5'-2"	"H= 6'-1"

STANDARD

STANDARD ROLSCREEN SIZES FOR STANDARD CASEMENTS

DETAIL NO.	2 LT. WIDE UNITS
① ② ③	"W= 1'-7"
	"W= 1'-7"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL

DETAIL NO.	2 UNITS 2 LTS. WIDE	3 UNITS 2 LTS. WIDE
① ② ③	"W= 3'-3"	"W= 4'-11"
	"W= 3'-3"	"W= 4'-11"

"H-DIMENSION

DETAIL NO.	2 LTS. HIGH	3 LTS. HIGH	4 LTS. HIGH	5 LTS. HIGH
① ② ③	"H= 2'-2"	"H= 3'-1"	"H= 4'-1"	"H= 5'-0"
	"H= 2'-2"	"H= 3'-1"	"H= 4'-1"	"H= 5'-0"

THORN

STANDARD ROLSCREEN SIZES FOR COMPOSITE TYPE CASEMENTS

DETAIL NO.	1 LT. WIDE UNITS	2 LT. WIDE UNITS	4 LT. WIDE UNITS	6 LT. WIDE UNITS
① ② ③	"W= 1'-8"	"W= 1'-8"	"W= 3'-3"	"W= 4'-10"
	"W= 1'-8"	"W= 1'-8"	"W= 3'-3"	"W= 4'-10"

THORN STANDARD TYPE (COMBINATIONS OF UNITS)

DETAIL NO.	1 UNIT 2 LTS. WIDE	2 UNITS 2 LTS. WIDE	3 UNITS 2 LTS. WIDE
① ② ③	"W= 1'-8"	"W= 3'-4"	"W= 5'-0"
	"W= 1'-8"	"W= 3'-4"	"W= 5'-0"

"H-DIMENSION

DETAIL NO.	2 LIGHTS HIGH	3 LIGHTS HIGH	4 LIGHTS HIGH	5 LIGHTS HIGH	5 LIGHTS HIGH
① ② ③	"H= 2'-2"	"H= 3'-1"	"H= 4'-1"	"H= 5'-0"	"H= 5'-3"
	"H= 2'-2"	"H= 3'-1"	"H= 4'-1"	"H= 5'-0"	"H= 5'-3"

TRUSCON

STANDARD ROLSCREEN SIZES FOR TRUSCON CASEMENTS

DETAIL NO.	2 LT. WIDE UNITS
① ② ③	"W= 1'-7"
	"W= 1'-7"

COMBINATIONS OF LIKE UNITS USING 1 SCREEN OVERALL

DETAIL NO.	2 UNITS 2 LTS. WIDE	3 UNITS 2 LTS. WIDE
① ② ③	"W= 3'-2"	"W= 4'-10"
	"W= 3'-2"	"W= 4'-10"

"H-DIMENSION

DETAIL NO.	TYPE "B"	TYPE "C"	TYPE "AC"	TYPE "D"	TYPE "E"	TYPE "BC"	TYPE "AC"
① ② ③	"H= 2'-1"	"H= 3'-1"	"H= 4'-0"	"H= 4'-0"	"H= 4'-11"	"H= 4'-11"	"H= 5'-2"
	"H= 2'-1"	"H= 3'-1"	"H= 4'-0"	"H= 4'-0"	"H= 4'-11"	"H= 4'-11"	"H= 5'-2"